

ABSTRACT

A first computer system designates a search condition, requesting a second computer system to retrieve records that
5 satisfy the search condition from a database. The second computer system retrieves all records that satisfy the search condition from the database, sending the contents thereof to the first computer system. The first computer system executes preset data manipulations on a memory to the database object,
10 which corresponds to contents of the retrieved records, recording the contents of the data manipulations into the memory as a log by a record. The first computer system stores the contents of the database object and the log after the data manipulation into a message, sending it to the second computer
15 system when all preset data manipulations to the database object are completed. The second computer system accesses the database according to the log in the received message to reflect the database object to the database.